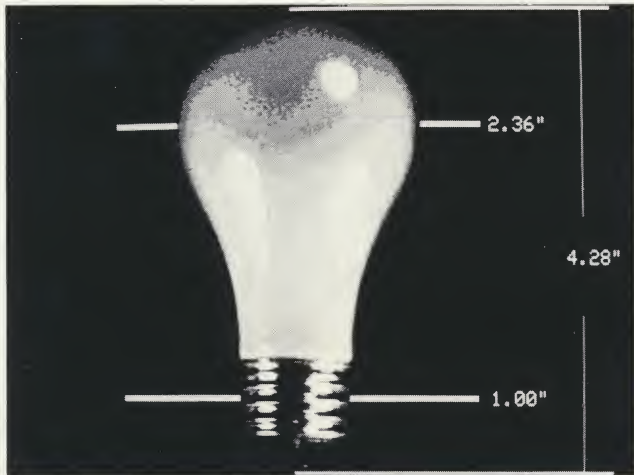


# A NEW WORLD OF APPLICATIONS for your DG Computer using the Octek 2000

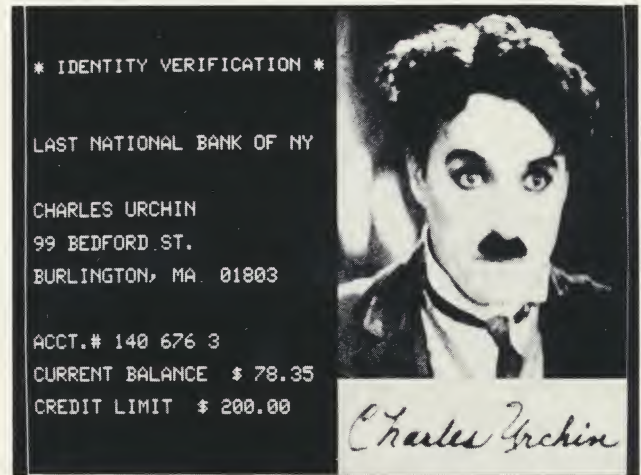
## PRODUCT INSPECTION

The Octek 2000 can visually inspect parts for size or shape defects.



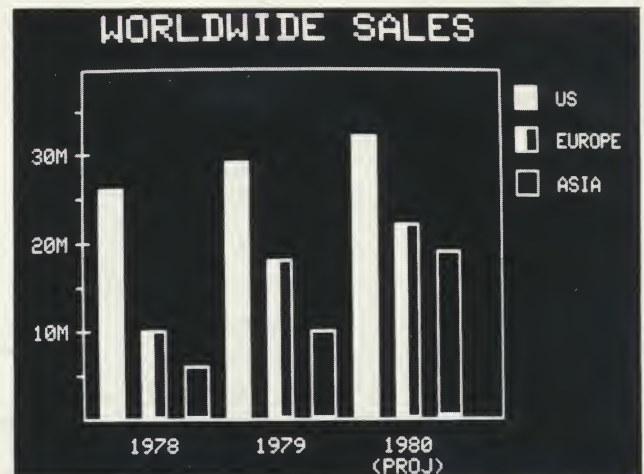
## IDENTITY VERIFICATION

The Octek 2000 can store and selectively retrieve images using computer disc or tape media.



## MEDICAL IMAGING

The Octek 2000 can process and display x-ray, ultrasound and nuclear camera pictures in greyscale or pseudo color.



## COMPUTER GRAPHICS

The Octek 2000 can display line drawings, bar charts and graphs in color or black and white.



OCTEK INC.



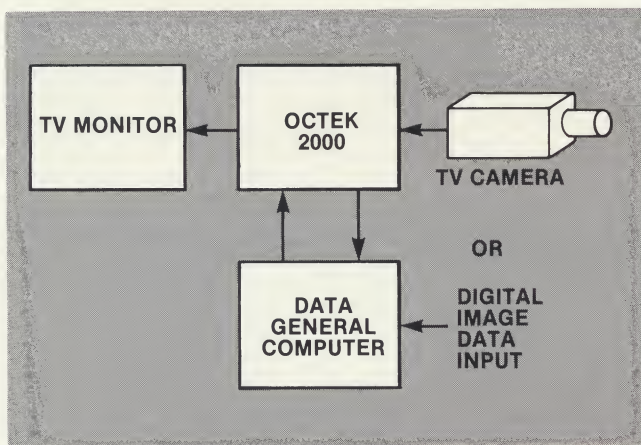
# Your Questions Answered . . .

## WHAT IS THE OCTEK 2000?

The Octek 2000 is a new peripheral device that enables any Data General Computer to process picture data as easily as regular data. It is fully contained on a single 15" x 15" board that plugs into the Data General Computer.

## WHAT ROLE DOES THE OCTEK 2000 PLAY IN PICTURE PROCESSING/ANALYSIS?

The Octek 2000 implements a marriage between the video world (picture data) and the computer world (numeric data).



To create this marriage, the Octek 2000 performs several key functions:

- **Video Digitization**

The Octek 2000 translates picture data coming from a video source into a stream of numeric data.

- **Frame Storage**

The Octek 2000 internally stores a full screen picture of digitized data.

- **Display**

The Octek 2000 displays the stored picture on a conventional TV monitor in black and white or color. Additionally, the Octek 2000 permits the Data General computer to generate its own synthesized pictures (charts, graphs, cartoons . . .)

- **Data Processing**

The Octek 2000 permits the Data General Computer to examine and modify the stored digitized picture ("Image Processing"). The Model 2000 has its own internal micro-computer which can perform faster processing of the digitized picture.

## HOW EASY IS THE OCTEK 2000 TO USE?

The Octek 2000 is supplied with a powerful software package that enables a user to concentrate on developing his application such as product inspection, fingerprint analysis . . . The programmer can use a high level language like Fortran and can make use of a library of Octek supplied utility software modules that perform many useful functions.

Octek offers, on a fee basis, consulting services to assist customers with their application problems.

## WHAT DOES IT COST ME TO GET STARTED?

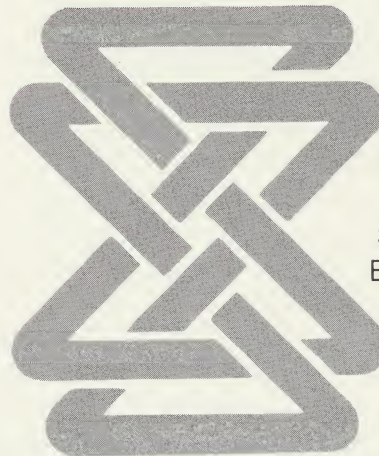
Octek has achieved a cost-performance breakthrough in image processing. The Octek 2000 sells for under \$10,000 in single unit quantity and for under \$5,000 in volume quantity.

You can buy an Octek 2000 and configure your own system. Complete, packaged systems are also available from Octek.

## AT THIS LOW COST, DO I GET ENOUGH PERFORMANCE FOR MY TASK?

Yes, you do get enough performance for a large variety of tasks. The Octek 2000 has been deliberately designed with enough performance to satisfy many needs and be cost effective, yet it is not overdesigned.

**Please call us with your application.**



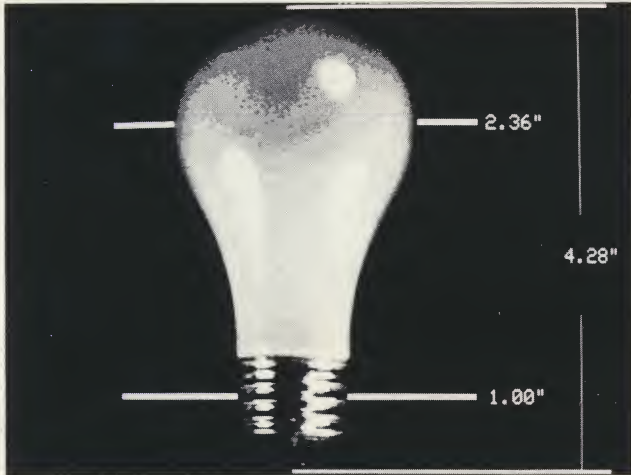
**Octek Incorporated**  
7 Corporate Place  
South Bedford Street  
Burlington, MA 01803  
**(617) 273-0851**



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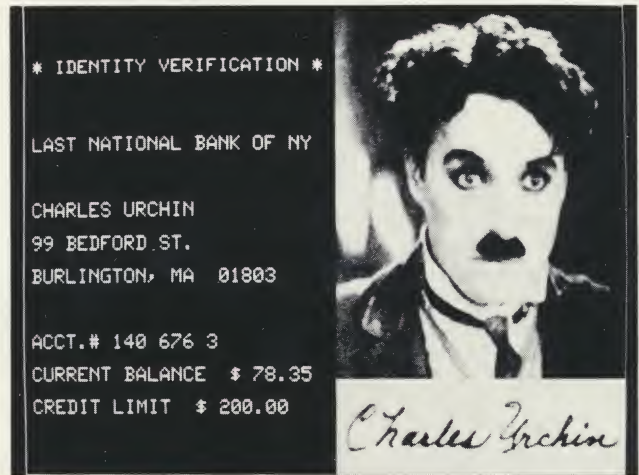
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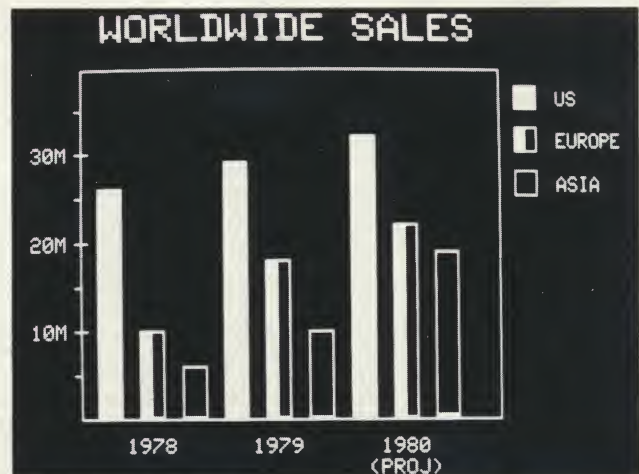
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